TRANSMITTAL FORM (to be used for all correspondence after init		U.S. Pans are required to respond to a colle Application Number Filing Date First Named Inventor Art Unit Examiner Name Attorney Docket Number	atent and To ection of info 10/632	rademark ormation u 2,780 tt 1, 2003 tilipp	I for use through 07/31/2006. OMB 0651-0031 Office; U.S. DEPARTMENT OF COMMERCE unless it displays a valid OMB control number.
Total Number of Pages in This Submission					
	ENC	LOSURES (Check all to	hat apply	0	A C - A II-waysa communication
Fee Transmittal Form Fee Attached Amendment/Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53	Rema	Customer No. 00270	ddress		After Allowance communication to Technology Center (TC) Appeal Communication to Board of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please Identify below):
	ATURE (OF APPLICANT, ATTOR	RNEY, C	OR AGI	ENT
Firm HOWSON AND HOWS Mary E. Bak	ON				
Signature Man E.	Bok				
Date May 21, 2004					
	CERTIFIC	CATE OF TRANSMISSION	ON/MAI	ILING	
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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

May 21, 2004

Typed or printed name

Signature

Kelly A. Karstaedt





IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No.

: 10/632,780

Confirmation No.: 3659

Applicant

: M. Philipp

Filed

: August 1, 2003

TC/A.U.

: 1645

Examiner

: R. Zeman

Customer No.

: 00270

Title

: SURFACE ANTIGENS AND PROTEINS USEFUL IN

COMPOSITIONS FOR THE DIAGNOSIS AND PREVENTION

OF LYME DISEASE

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

THIRD INFORMATION DISCLOSURE STATEMENT

Sir:

Applicant submits to the Examiner the attached Form PTO/SB/08A document listing and this paper pursuant to 37 CFR § 1.56 and § 1.97-1.98. Form PTO/SB/08A is attached and a copy of the document is enclosed herewith. This Information Disclosure Statement is submitted before the receipt of a first Office Action. Therefore, no fees are believed due.

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Kelly A. Karstaedt

Name

The Director is hereby authorized to charge any deficiency in any fees due with the filing of this paper or credit any overpayment in any fees to our Deposit Account Number 08-3040.

The Examiner is respectfully requested to consider the enclosed document identified in this paper and in the attached Form PTO/SB/08A during the course of examination of this application.

Respectfully submitted,

HOWSON AND HOWSON Attorneys for Applicant

By Mary E. Bok Mary E. Bak

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Substitute for form 1449/PTO

Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known					
Application Number	10/632,780				
Filing Date	August 1, 2003MAY 2 4 2004				
First Named Inventor	M. Philipp				
Art Unit	1645				
Examiner Name	R. Zeman				
Attorney Docket Number	TUL2BUSA				

				Name of Patentee or	Pages, Columns, Lines, Where
Examiner Cite Initials* No.1	Document Number	Publication Date MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	
		Number-Kind Code ^{2 (if known)}			
	J	^{US-} 6,719,983-B2	04-13-2004	Norris et al.	
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·		FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	6
		Country Code ^{3 -} Number ^{4 -} Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T"
						

Examiner	Date	ł
Signature	Considered	1
Signature		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

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If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.